ADVANCED PHOTON SOURCE ARGONNE NATIONAL LABORATORY

Our door is open to experimenters whose research can benefit from the high-brilliance x-ray beams of the Advanced Photon Source

RESEARCH TECHNIQUES
AVAILABLE
AT THE APS
INCLUDE:

Absorption/spectroscopy
Fluorescence spectroscopy
Intensity fluctuation spectroscopy
Photoemission spectroscopy
X-ray absorption fine structure
X-ray magnetic circular dichroism

Diamond-anvil cell Large-volume press

X-ray absorption fine structure microscopy

Microfluorescence
Microprobe
Phase contrast imaging
Photoemission electron microscopy
Radiography
Tomography

Macromolecular crystallography
Multiwavelength anomalous
dispersion

Anomalous and resonant scattering Coherent x-ray scattering Diffraction anomalous fine structure **General diffraction** High-energy x-ray scattering **Inelastic scattering** Liquid scattering Magnetic x-ray scattering Microdiffraction **Nuclear resonant scattering Powder diffraction** Reflectivity **Surface diffraction** Time-resolved x-ray scattering Ultra-small-angle x-ray scattering Small-angle x-ray scattering Wide-angle x-ray scattering

> X-ray optics development X-ray detector development



General-user proposals for beam time at the APS from ~May 26, 2004, to ~August 25, 2004, are due by March 17, 2004. Information can be found on the Web at: http://www.aps.anl.gov/user/beamtime/prop_submission.html or by contacting Dr. Dennis Mills, DMM@aps.anl.gov, 1-630/252-5680.

Information on research techniques and beamline capabilities at the APS can be found on the Web at:

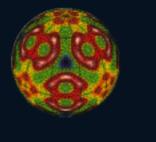
http://www.aps.anl.gov/user/beamtime/get_beam.html

To receive a .pdf file containing links to information on access to beam time, experimental techniques, beamline specifications, operations schedule, and other Web-based APS information, send an e-mail, with BEAM TIME PDF in the subject line, to:

APSINFO@aps.anl.gov

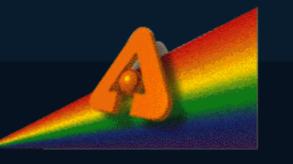






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